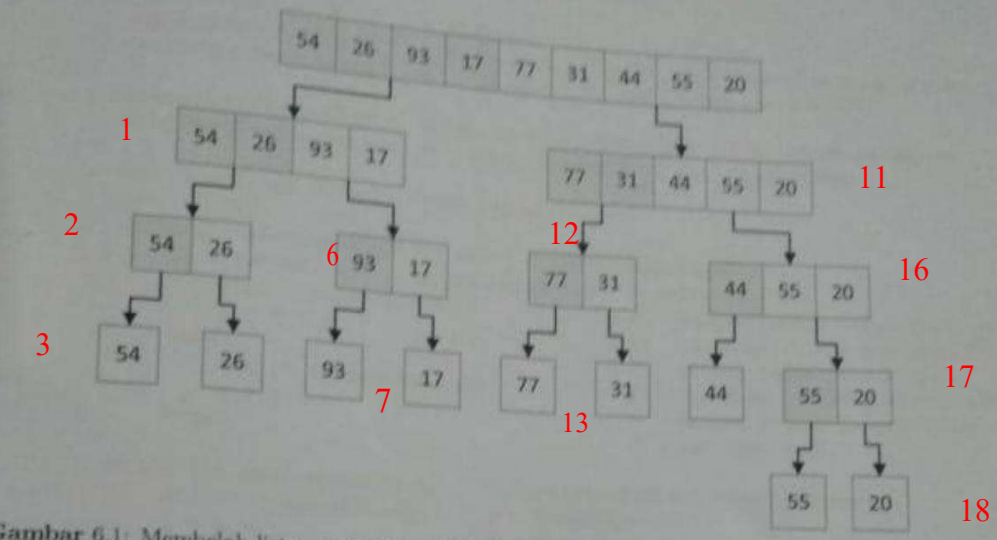
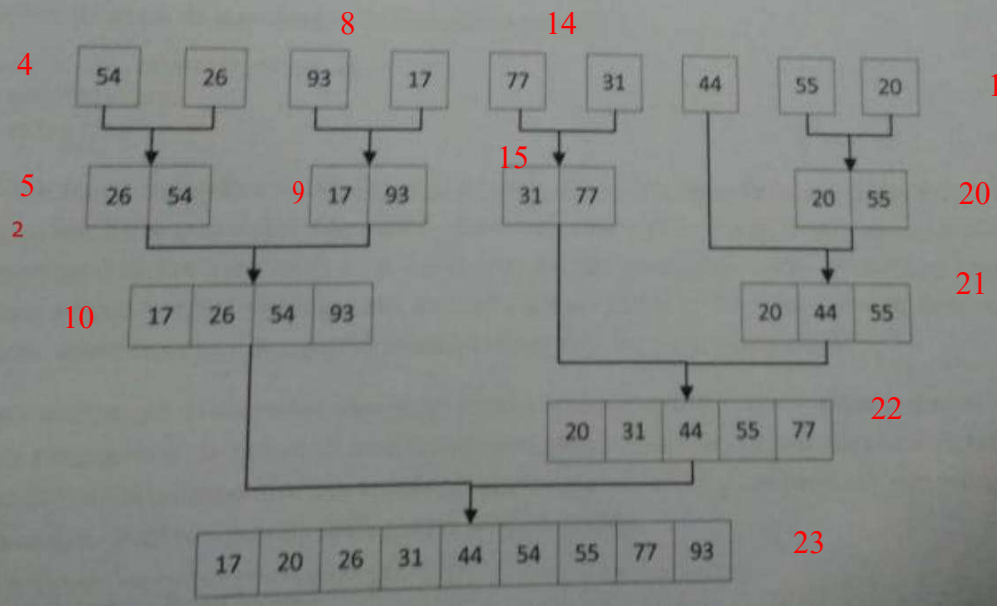
Nama : **Riza Frisnanda**
NIM/Kelas : **L200170001/ A**
Modul ke : **6**

No.2



Gambar 6.1: Membelah list sampai tiap sub-list berisi satu elemen atau kosong. Sesudah itu digabung seperti ditunjukkan di Gambar 6.2.



Gambar 6.2: Menggabungkan list satu demi satu.

No.4(A)

MergeSort

L=[80,7,24,16,43,91,35,2,19,72]

80	7	24	16	43	91	35	2	19	72

Proses 1

7	80		26	24		43	91		2	35		19	72

Proses 2

7	16	24	80		2	35	43	91		19	72

Proses 3

2	7	16	24	35	43	80	91		19	72

Proses 4

2	7	16	19	24	35	43	72	80	91

No.4(B)

QuickSort

L=[80,7,24,16,43,91,35,2,19,72]

80	7	24	16	43	91	35	2	19	72

pivot

80	7	24	16	43	91	35	2	19	72

Low High

pivot

72	7	24	16	43	91	35	2	19	80

Low High

pivot

72	7	24	16	43	91	35	2	19	80

Low High

pivot

72	7	24	16	43	80	35	2	19	91

Low High

pivot

72	7	24	16	43	19	35	2	80	91

Low High

pivot

72	7	24	16	43	19	35	2	80	91

Low High

pivot

2	7	24	16	43	19	35	72	80	91

Low High

pivot

2	7	24	16	43	19	35	72	80	91

Low High

pivot

2	7	24	16	43	19	35	72	80	91

Low High

pivot

2	7	24	16	43	19	35	72	80	91

Low High

pivot

2	7	24	16	43	19	35	72	80	91

Low High

pivot

2	7	19	16	43	24	35	72	80	91

Low High

pivot

2	7	19	16	43	24	35	72	80	91

Low High

pivot

2	7	19	16	24	43	35	72	80	91

Low High

pivot

2	7	19	16	24	43	35	72	80	91

Low High

pivot

2	7	16	19	24	43	35	72	80	91

Low High

pivot

2	7	16	19	24	43	35	72	80	91

Low High

pivot

2	7	16	19	24	35	43	72	80	91

Low High

2	7	16	19	24	35	43	72	80	91